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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

Secret

25X1

basic imagery interpretation report

Kuybyshev Airframe Plant Lenin 18 (S)

STRATEGIC WEAPONS INDUSTRIAL FACILITIES

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USSR

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WNINTEL

Z-20049/80
RCA-09/0020/80
AUGUST 1980
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INSTALLATION OR ACTIVITY NAME	COUNTRY
Kuybyshev Airframe Plant Lenin 18	UR

UTM COORDINATES	GEOGRAPHIC COORDINATES	
NA	53-13-00N 050-18-14E	

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MAP REFERENCE

ACIC. USATC, Series 200, Sheet M0165-17HL, 7th ed, scale 1:200,000

LATEST IMAGERY USED	NEGATION DATE (if required)
	NA

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ABSTRACT

1. (S/D) This report updates NPIC reports on Kuybyshev Airframe Plant Lenin 18, and satisfies the basic reporting requirement for this target. This report describes activity observed at the plant and at Kuybyshev/Bezymyanka Airfield the flyaway field for the plant, the information cutoff date of the latest report.

2. (S/D) Construction at Plant 18 during the reporting period resulted in an increase of 9,133 square meters of usable floorspace. the plant contained 441,263 square meters of floorspace with an additional 25,209 square meters under construction. This report includes a location map, three annotated photographs, a layout of the facility, and a table of mensural data.

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BASIC DESCRIPTION

3. (S/D) Kuybyshev Airframe Plant Lenin 18 is in the east-central suburbs of Kuybyshev, adjacent to Kuybyshev/Bezymyanka Airfield and Kuybyshev Aerospace Production Plant 1 (Figure 1) Plant 18 (Figure 2) comprised 70 major structures and numerous small support buildings, storage sheds, and areas of covered storage. Construction at the plant resulted in an increase of 9,133 square meters of floorspace. This report updates five previous NPIC reports.[1-5]

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4. (S/D) Construction during this period included eight completed buildings and structures and additions to two buildings.

5. (S/D) A four-story storage building (item 2, Figure 3 and Table 1) was externally complete in the west plant area in December 1979. This building contains 2,116 square meters of floorspace. Also in the west plant area, an administration/utility building (item 7) containing 389 square meters of floorspace was completed by September 1979. In the same area, the POL storage (item 9) was earth covered by January 1979.

6. (S/D) Most construction completed since the last report and facilities currently under construction are in the central plant area. An engineering section (item 19a) had been added to a shop building (item 19) by July 1979 and contains 204 square meters of floorspace. Another administration/engineering section (item 20a) was added to the forge/foundry (item 20) and contains 482 square meters of floorspace. This addition was complete by December 1978.

7. (S/D) A shop/storage addition (item 23a) was under construction next to the final assembly building (item 23). Construction was begun in November 1979, and the addition will contain 264 square meters of floorspace when complete.

8. (S/D) A shop/storage building (item 26) containing 2,398 square meters of floorspace was completed in December 1979.

9. (S/D) A three-fan induced draft cooling tower (item 27) has been under construction since February 1978. A small area of unidentified construction (item 27a) with footings was next to the cooling tower encompassing an area of 120 square meters and was begun in June 1979.

10. (S/D) A shop building (item 29) containing 726 square meters of floorspace was completed by October 1979. An addition (item 30a) to a shop building begun in August 1979 (item 30) was also under construction in the same area and contains 597 square meters of floorspace.

11. (S/D) On the south side of the plant, two buildings have been completed and one small addition to an assembly/shop building was under construction. The addition (item 36a) was begun in July 1979 and will contain 208 square meters of floorspace when complete. One shop building (item 46) containing 668 square meters of floorspace was completed in November 1978, and a nearly identical shop building section (item 51a) was completed in January 1979 and has 605 square meters of floorspace.

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12. (S/D) An administration/engineering building (item 60) in the aircraft checkout area with 1,545 square meters of floorspace was completed in December 1979. Unidentified construction (item 62), possibly footings, was first observed in November 1978 in an area immediately in front of this building.

13. (S/D) A large final assembly building/hangar (item 63) was still under construction in the aircraft checkout area. Construction was begun in June 1977, and the building will contain 23,778 square meters of floorspace when complete, probably by late 1980 or early 1981.

Aircraft Production

14. (S/D) The CARELESS (TU-154) aircraft is still produced at Plant 18 for the Soviet airline Aeroflot, as well as for export to North Korea and several East European countries. BEAR aircraft, which were produced at the plant until mid-1974, were occasionally observed in the aircraft checkout area where they underwent modification and/or refurbishment. BEAR B were seen on six occasions during this period—once in September 1978 and on five occasions between August and October 1979. Unusual aircraft seen at the plant and flyaway field during the reporting period included a CARELESS with a raised area on top of the fuselage from September 1978 through May 1979, one COCK in January and October 1979, a FIREBAR/BREWER in February 1979, and a CUB with two dorsal-mounted rail antennas in August 1978. FLOGGER, FISHBED, CODLING, CUB, CURL, and COLT were observed in the fighter support area for most of the period.

Kuybyshev/Bezymyanka Airfield

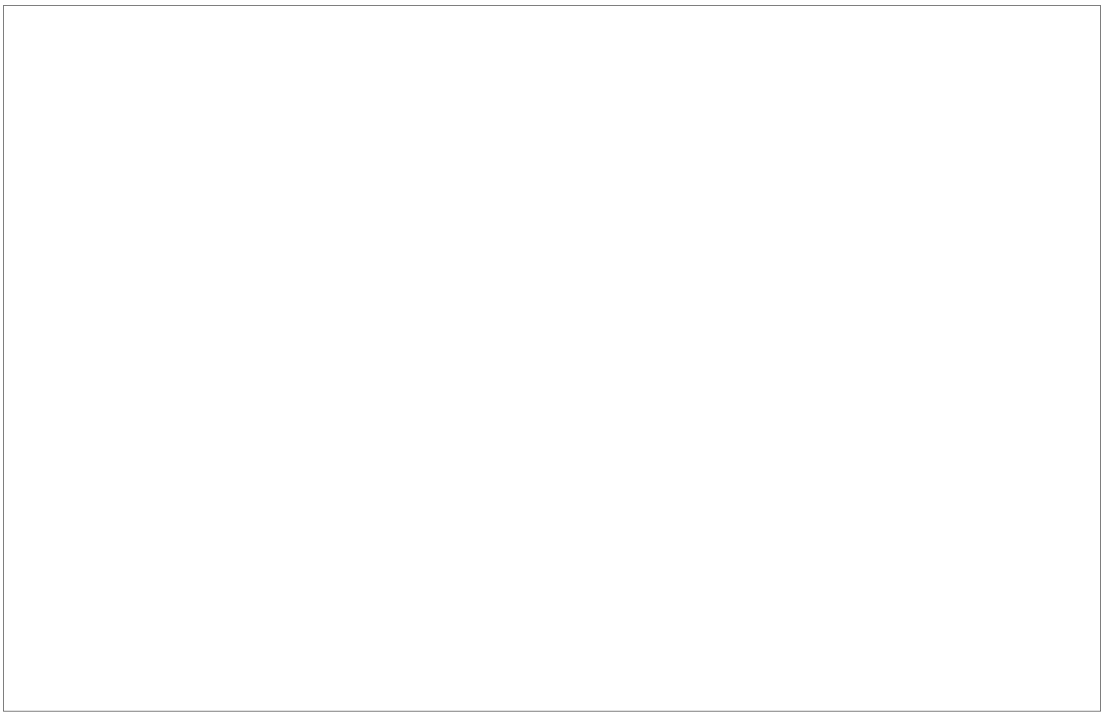
15. (S/D) The major activity at the airfield during this period was at the fighter support area (Figure 4 and Table 2) on the northeast side of the airfield. A replica of the flight deck of a Kiev-class guided missile V/STOL aircraft carrier which had been painted on the taxiway leading to the fighter support area[1] was still present, but no associated activity has been observed.

16. (S/D) Seven buildings were completed during the reporting period, and one was under construction.

17. (S/D) A maintenance building (item 67) contains 424 square meters of floorspace and was complete by July 1979. An inflatable support building (item 68) was erect by May 1979 and had 595 square meters of floorspace. An administration building (item 70) containing 105 square meters of floorspace was complete by January 1979.

18. (S/D) Three small storage/support buildings (items 71, 73, and 74) contain a total of 248 square meters of floorspace and were completed between July 1978 and December 1979. An administration/engineering building (item 76) was complete by July 1978 and contains 185 square meters of floorspace.

19. (S/D) A large hangar (item 78) was under construction just outside the security fence on the northeast side of the airfield. Its function, proximity to the fighter support area, and the break in the security barrier suggest that the airfield boundary on the northeast side of the airfield will be expanded and that the hangar will become part of the fighter support area. Construction on the hangar began in January 1979 and will contain 3,262 square meters of floorspace when complete.



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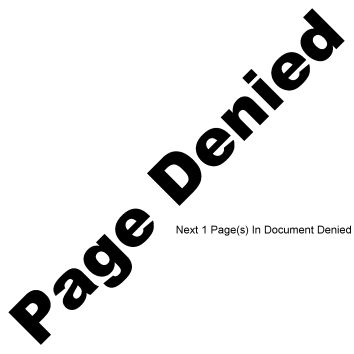

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20. (S/D) A compass rose (Figure 5) in the center of the airfield was complete by July 1978. Two storage/support buildings (items 79 and 79a, Figure 5 and Table 3) were completed in February 1978 and June 1979, respectively. These buildings contain a total of 401 square meters of floorspace.

21. (S/D) A hangar with an attached probable engineering section (items 80 and 80a) was under construction and will contain a total of 1,370 square meters of floorspace when complete. A security barrier was constructed after the hangar was begun in February 1978 which partially separates the two storage/support buildings and the hangar from the airfield and from Kuybyshev Aerospace Production Plant 1.

REFERENCES

[redacted] 25X1

MAPS OR CHARTS

ACIC. US Air Target Chart, Series 200, Sheet M0165-17HL, 7th ed, scale 1:200,000 (SECRET, [redacted] 25X1
[redacted] 25X1

DOCUMENTS

1. NPIC. [redacted] RCA-09/0005/78, *Kuybyshev Airframe Plant Lenin 18 (S)*, Mar 78 (TOP SECRET CODEWORDS/[redacted] 25X1 25X1
2. NPIC. [redacted], BCA-09/0022/74, *Kuybyshev Airframe Plant Lenin 18*, May 74 (TOP SECRET CODEWORDS) 25X1
3. NPIC. [redacted], BCA-09/0036/71, *Kuybyshev Airframe Plant Lenin 18*, Apr 71 (TOP SECRET CODEWORDS) 25X1
4. NPIC. [redacted] BCA-09/0014/70, *Kuybyshev Airframe Plant Lenin 18*, Oct 69 (TOP SECRET CODEWORDS) 25X1
5. NPIC. [redacted] RCA-09/0012/69, *Kuybyshev Airframe Plant Lenin 18*, Jan 69 (TOP SECRET CODEWORDS) 25X1

REQUIREMENT

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